

IN THE ABSTRACT:

Please replace the abstract with the following Abstract:

Mutant adeno-associated virus (AAV) Rep proteins, nucleic acid molecules encoding such proteins, and rAAV that encode the proteins are provided. Among the rep proteins are those that result in increased rAAV production in rAAV that encode such mutants, thereby, among a variety of advantages, offer a solution to the need in the gene therapy industry to increase the production therapeutic vectors without up-scaling manufacturing. Methods of gene therapy using the rAAV are provided.